Philips
LCD TV with Ambilight Spectra 2 and Perfect Pixel HD Engine

37"

Full HD 1080p digital TV

37PFL8605H

Refined living, pure performance

with Ambilight and leading picture

Be captivated by a truly refined performance. A frameless design and Ambilight set the scene for you to experience the brilliance of LED technology. Enjoy the show.

Enlarge your viewing experience

- Ambilight Spectra 2 widens the viewing experience

Breathtaking perfect pictures

- Full HD with Perfect Pixel HD Engine for unrivalled clarity
- Brilliant LED images with low power consumption
- 200Hz Clear LCD*, 1ms performance: superb motion sharpness
- Perfect Natural Motion for ultra smooth Full HD movies

Impressive, invisible sound

- Feel the atmosphere with 20W RMS and Incredible Surround

Connect and enjoy the online world

- Net TV for popular online services on your TV
- DLNA PC Network link to browse PC and Home network content

Greener every day

- LED is up to 40% more energy efficient than regular LCD TVs

PHILIPS

sense and simplicity

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37PFL8605H/12

Highlights

Ambilight Spectra 2

Add a new dimension to your viewing experience with Ambilight Spectra 2. This patented Philips technology enlarges the screen further by projecting a glow of light from the back of the screen onto the surrounding wall. Ambilight adjusts automatically the colour and brightness of the light surrounding the TV to match with the picture, creating an immersive viewing experience. With Ambilight Spectra 2 movies truly come to life!

Perfect Pixel HD Engine

Experience unrivalled sharpness and clarity with Perfect Pixel HD Engine. Each pixel of the picture is enhanced to better match the surrounding pixels, for a more natural picture. The result is a unique combination of sharpness, natural detail, vivid colors, superior contrast and smooth natural motion whatever you are watching. Clean and razor sharp images result from artifact and noise detection and reduction in all content sources - from multimedia to standard TV. The Full HD screen with 1920 x 1080p pixels produces brilliant flicker-free progressive scan pictures with superb brightness.

LED

LED lighting technology is the most advanced available. In this TV it combines an eyecatching minimalistic design with stunning image quality and on top the lowest power consumption in its category. An other environmental benefit is that LED lighting technology does not contain hazardous materials. With LED backlight you can enjoy low power consumption, high brightness, incredible contrast and sharpness and vibrant colors.

200Hz Clear LCD* (1ms)

Enjoy extreme motion sharpness without picture imperfections. The Philips 200Hz Clear LCD brings the response time of LCD TV to an incredible 1ms, so even with the fastest action scene you will be enthralled by the action, and not following the stretched car across the screen. Go ahead, enjoy the action!

Perfect Natural Motion

Enjoy the action without any judder. Perfect Natural Motion estimates motion in the picture and corrects juddering movements in both broadcast and pre-recorded movie material (including 1080p movies and 24p True Cinema on Blu-ray and DVD). The result is even smoother and quieter pictures with excellent sharpness. Enjoy motion performance that surpasses cinema quality!

20W RMS Incredible Surround

Feel the power of the music beat and the atmosphere of the movies. The powerfull 20W RMS (2x10W RMS) amplifiers create a lifelike soundstage. The Incredible Surround allows you to experience total surround with greater depth and width of sound. It gives a clear and spacious sound stage complementary to the rich viewing experience.

Net TV

Experience a rich selection of online services with Net TV. Enjoy movies, pictures, infotainment and other online content directly on your TV whenever you like. Simply connect your TV directly to your home network through the ethernet connection, and navigate and select what you want to watch with the TV remote control. The Philips menu gives you access to popular Net TV services fitted for your TV screen. Additionally, with the DLNA certified PC network you can watch videos or access pictures stored on your computer using your TV remote control.

Energy efficient LED

Up to 40% more energy efficient than conventional flat TVs. Using the latest LED backlight technology, LED-backlit TVs are considered a more sustainable choice, with a longer life and far lower energy consumption than plasmas and conventional LCD TVs. Unlike CCFL backlights, LEDs do not use mercury in their manufacture. In addition, Philips TV designs have improved generation after generation resulting in an increase in material efficiency and a reduction in energy usage without compromising on safety and wellbeing. That's good news for you today - your children tomorrow.

ambi light
Perfect Pixel HD ENGINE
200Hz CLEARLCD 1 ms
Perfect Natural Motion
20W RMS SOUND
Clear Sound
NetTV
dlna CERTIFIED
40% energy savings

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Specifications

Picture/Display
- Aspect ratio: Widescreen
- Brightness: 500 cd/m²
- Dynamic screen contrast: 500000:1
- Response time (typical): 1 (BEW) ms
- Viewing angle: 176° (H) / 176° (V)
- Diagonal screen size: 40 inch / 102 cm
- Display screen type: LCD Full HD W-UXGA Act. matrix
- Panel resolution: 1920x1080p
- Picture enhancement: Perfect Pixel HD Engine, Perfect Natural Motion, Perfect Contrast, Perfect Colors, Active Control + Light sensor, Jagged Line Suppression, Progressive scan, 2D/3D noise reduction, 1080p 24/25/30Hz processing, 1080p 50/60Hz processing, 200Hz Clear LCD*, LED backlight Display, Super Resolution
- Screen enhancement: Anti-Reflection coated screen
- Color processing: 4 trillion colors (14bit RGB)

Ambilight
- Ambilight Version: 2 sided
- Ambilight Features: Ambilight Spectra 2, Lounge light mode in stand-by
- Dimming Function: Manual and via Light Sensor
- Ambilight light system: LED wide color

Supported Display Resolution
- Computer formats

Resolution	Refresh rate
640 x 480	60Hz
800 x 600	60Hz
1024 x 768	60Hz
1280 x 768	60Hz
1280 x 1024	60Hz
1360 x 768	60Hz
1600 x 1200	60Hz
1920 x 1080	60Hz

- Video formats

Resolution	Refresh rate
480i	60Hz
480p	60Hz
576i	50Hz
576p	50Hz
720p	50, 60Hz
1080i	50, 60Hz
1080p	24, 25, 30, 50, 60Hz

Sound
- Output power (RMS): 2 x 10W
- Sound Enhancement: Auto Volume Leveller, Dynamic Bass Enhancement, Incredible Surround, Treble and Bass Control, Clear Sound

Loudspeakers
- Built-in speakers: 3
- Loudspeaker types: Integrated subwoofer, 2x Dome tweeter

Convenience
- Child Protection: Child Lock+Parental Control
- Ease of Installation: Channel installation wizard, Network installation wizard, Settings assistant wizard, Device connection wizard, Auto detect Philips devices, Auto Program Naming, Automatic Channel Install(ACI), Fine Tuning, PLL Digital Tuning, 2-in-1 Wallmount Stand
- Ease of Use: Auto Volume Leveller (AVL), Graphical User Interface, On Screen Display, Program List, Settings assistant Wizard, Demo mode, Onscreen Usermanual, Touch control buttons, Favorite program selection, Mozaïc channel grid, One-stop experience button, Simplified Remote Control
- Electronic Program Guide: Now + Next EPG, 8day Electronic Program Guide*
- Remote control type: RC PF03E10B
- Automatic Screen Format: Autofill (no black bars), Autozoom (no distortion), Dynamic black bar detection, includes:, 4:3, 14:9, 16:9, Widescreen, Superzoom, WSS / AFD format bit detection, Viewport link, Logo suppression, Dynamic subtitle shift, Format selection per input, PC signal mode
- Manual Screen Format: Superzoom, 16:9 Movie Expand, 4:3 (for PC), Widescreen, Unscaled (1080 dot on dot), Format selection per input, Manual shift per input
- Teletext: 1200 page Hypertext
- Firmware upgradeable: Firmware auto upgrade wizard, Firmware upgradeable via USB, Online firmware upgrade
- Multimedia: Digital media reader (browser), USB autobreak-in, DLNA media Browser, Net TV services
- Smart mode: Game, Cinema, Personal, Power saver, Standard, Vivid

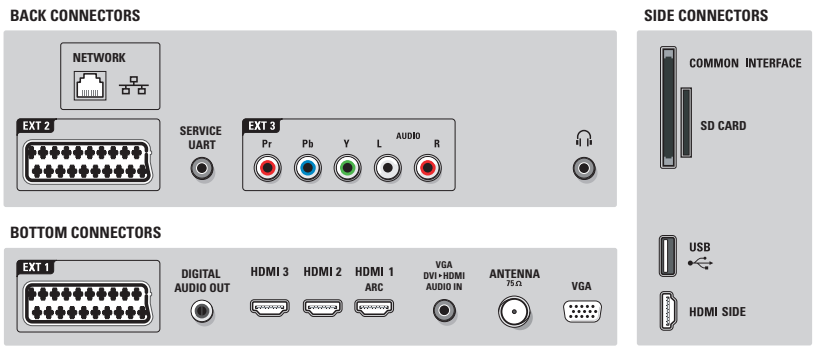
Multimedia Applications
- Multimedia connections: Ethernet-UTP5, USB
- Picture Playback Formats: JPEG
- Music Playback Formats: MP3, WMA (v2 up to v9.2), AAC
- Video Playback Formats: Codec support:, H264/MPEG-4 AVC, MPEG-1, MPEG-2, MPEG-4, WMV9/VC1, Containers: AVI, MKV

Tuner/Reception/Transmission
- Aerial Input: 75 ohm coaxial (IEC75)
- TV system: DVB COFDM 2K/8K
- Video Playback: NTSC, SECAM, PAL
- DVB: DVB Terrestrial *, DVB-T MPEG4*, DVB-C MPEG4*, MHEG
- Tuner bands: Hyperband, S-Channel, UHF, VHF

Connectivity
- Ext 1 Scart: Audio L/R, CVBS in, RGB
- Ext 2 Scart: Audio L/R, CVBS in, RGB
- Ext 3: YPbPr, Audio L/R in
- VGA-in: PC input, D-sub 15
- HDMI 1: HDMI v1.4 (Audio Return Ch.)
- HDMI 2: HDMI v1.3
- HDMI 3: HDMI v1.3
- HDMI Side: HDMI v1.3
- HDMI features: Audio Return Channel, Instaport fast HDMI switching
- EasyLink (HDMI-CEC): One touch play, EasyLink, Pixel link, Remote control pass-through, System audio control, System standby
- Front / Side connections: 2x USB, Common Interface Slot (CI-CI+), SD-card (Videostore)
- Other connections: Ethernet, Headphone out, S/PDIF out (coaxial)
- PC network link: DLNA 1.5 certified

Power
- Ambient temperature: 5 °C to 35 °C
- Mains power: 220 - 240V, 50/60Hz
- Standby power consumption: <0.15 W
- Power Saving Features: Light sensor, Eco mode, Picture mute (for radio), Auto switch-off timer, Eco settings menu

Dimensions
- Set dimensions (W x H x D): 900 x 565 x 44 mm
- Product weight: 16 kg
- Product weight (+stand): 18 kg
- Color cabinet: Seamless front glass
- VESA wall mount compatible: 200 x 300 mm



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* 8 days EPG, service not available in all countries
* DVB-T, supported in selected countries only
* DVB-C in selected countries and for selected operators only. Most up to date information is available on the type plate of the TV.
* Net TV, service offering is dependent on country and subject to terms of use.